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Model Name		RS520-E6/ERS
Processor Support		2 * socket 1366
		Six/Quad-Core Intel® Xeon® X5600 Series (95W) Quad-Core Intel® Xeon® X5500 Series (95W) Quad-Core Intel® Xeon® E5500 Series (80W) Quad-Core Intel® Xeon® L5500 Series (60W/38W)
		QPI 4.8 / 5.86 / 6.4 GT/s
Core Logic		Intel 5500 IOH Intel ICH10R I/O Controller
Memory	Total Slots	12 (3-channel per CPU, 6 DIMM per CPU)
	Capacity	Maximum up to 96GB (RDIMM) Maximum up to 48GB (UDIMM)
	Memory Type	DDR3 1066/1333 Reg DIMM/ Unbuffered DIMM with ECC
	Memory Size	1 GB, 2GB, 4GB, 8GB* (RDIMM) 1 GB, 2GB, 4GB (UDIMM)
Expansion Slots	Total PCI/PCI-X/PCI-E Slots	3
	Slot Type	Default: 2* PCI-E x8 (x8 link)(FH/FL) 1 * PCI-E x4 (x4link)(FH/HL)
	Additional Slot 1	1* PIKE Slot for Stroage Enhancement
	Additional Slot 2	
Storage	IDE Controller	
	SATA Controller	Intel® ICH10R: 6 SATA2 300MB/s ports Intel Matrix Storage (for Windows only) (Support software RAID 0, 1, 10 & 5) LSI® MegaRAID (for Linux/Windows) (Support software RAID 0, 1, 10)
	SCSI Controller	
	SAS Controller	**Optional:** ASUS PIKE 6480 8-port SAS RAID card Asus PIKE 1078 8-port SAS HW RAID card
HDD Bays	I = internal A or S will be hot-swappable	8* Hot-swap 3.5"HDD Bays
Networking	LAN	2 * Intel 82574L + 1 * Mgmt LAN
Graphic	VGA	Aspeed AST2050 8MB
Auxiliary Storage Device Bay (Floppy / Optical Device)		1 * Slim-type Optical Device Bay Options: No Device / DVD-RW
Onboard I/O		1 * External Serial Port 3 * RJ-45 ports 4* USB 2.0 ports (Front * 2, Rear * 2) 1 * VGA port 1 * PS/2 keyboard port 1 * PS/2 mouse port
OS Support		Windows® Server 2008 R2 Windows® Server 2008 Enterprise 32/64-bit Windows® Server 2003 R2 Enterprise 32/64-bit RedHat® Enterprise Linux AS5.0 32/64-bit SuSE® Linux Enterprise Server 10 32/64-bit (Subject to change without any notice)
Anti-virus Software		Optional Anti-Virus CD Pack
Management Solution	Software	ASWM2.0
	Out of Band Remote Management	Optional ASMB4-iKVM for KVM-over-IP support
Safety	US / Canada (UL1950-CSA950)	V
	Europe (CE, EN55022 compliance to EU Directive 89 / 366/ EEC)	V
	Europe (TUV)	V
EMI	US (FCC, CFR47 Part 15, Class A)	V
	Europe (CE, EN55022 & EN55024)	V
	Australia (C-TICK)	V
	Japan (VCCI)	-
	Taiwan (BSMI)	V
	China (CCC)	V
	BTU (British Thermal Unit) Per Hour	-
Dimension		615mm * 444mm * 87.0mm(2U)
Net Weight Kg (CPU, DRAM & HDD not included)		22Kg
Power Supply		770W (80+) 1+1 Redundant Power Supply (Default with one Power Supply Module)
Environment		Operation temperature: 10℃ ~ 35℃ / Non operation temperature: -40℃ ~ 70℃ Non operation humidity: 20% ~ 90% (Non condensing)
Optional Parts	Riser Card	
	Bezel (example)	
Product SKUs	Standard Gift Box Pack	
	Standard Bulk Pack	
System Package Contents	Chassis	ASUS R20A 2U Rackmount Chassis
	Motherboard	ASUS Z8NR-D12-2U Server board
	Component	1 x 770W Redundant Power Supply 8 x Hot-swap 3.5" HDD trays 1 x SAS/SATA2 Backplane (BP8LX-R20A) 1x PCI Riser Card (PCIX1E2-R20A) 1 x Front I/O Shield (FPB-AR14) 1 x Redundant Power Supply Power Distribution Board (PSB-R12A) 4 x System Fans (80mm x 38mm) 1 x Air Duct
	Cables	
	Accessories	1 * RS520-E6 User's Guide 1 * ASUS ASWM 2.0 User's Guide 1 * RS520-E6 Support CD (including ASWM) 1 * Bag of Screws 2 * AC Power Cable 1* Semi-ball Bearing Rail Kit
	Optional Items	CPU Heatsink Slim-type Optical Device Second 770W Redundant Power Supply Module Anti-virus CD Frction mounting kit